

A SELECTIVE CLOAKING CIRCUIT FOR USE IN A RADIOFREQUENCY IDENTIFICATION AND METHOD OF CLOAKING RFID TAGS

Abstract of the Disclosure

5 The output to the antenna of an RFID tag or label is disconnected from the
balance of the RFID chip by means of a series switch activated in response to a logic
command, CLOAK, generated by the RFID chip. Activation of the switch disconnects
the output to the antenna of the RFID tag without disconnecting its input. The output to
the antenna is thus disconnected for a time sufficient to allow the remaining RFID tags
10 in an RF interrogation field to be identified. However, the input of the antenna remains
connected and is capable of receiving at any time, including during the cloaking period
commands which can lift the tag out of cloaking and allow it to then selectively output its
signal.